

3. (Amended) A method for signaling of information in a frame based transmission system, whereat the signaling information contains information necessary for the operation of the transmission system,  
characterized by steps of  
inserting signaling information related to individual frames into said individual frames, and  
partitioning signaling information and inserting said partitioned signaling information into different frames, wherein said signaling information and said partitioned signaling information indicate a coding mode used for coding and decoding data in the transmission system.

4. (Unchanged).

5. (Unchanged).

6. (Unchanged).

7. (Unchanged).

8. (Unchanged).

9. (Unchanged).

10. (Unchanged).

11. (Amended) A frame based transmission system for signaling of information, whereat the signaling information contains information necessary for the operation of the transmission system, having means for coding and decoding of data (10, 11;20, 21), means for handling the coded data in frame format (14;24) and means for transmitting and receiving the frames (15, 16;25, 26),

characterized by  
means for inserting and evaluating signaling information (12;22) into and from individual frames related to said individual frames, and means for partitioning signaling information (12;22) and inserting and evaluating said partitioned information into and from different frames wherein means for channel coding and decoding (13;23) are used to channel code and decode the signaling information provided by said means for inserting and evaluating signaling information (12;22) into and from individual frames.

12. (Unchanged).

13. (Unchanged).

14. (Unchanged).